



# RESEARCH, DEVELOPMENT and TECHNOLOGY TRANSFER QUARTERLY PROGRESS REPORT (QPR)

Wisconsin Department of Transportation (WisDOT)  
DT1241 5/2014

## INSTRUCTIONS:

Research principal investigators and/or project managers should complete a quarterly progress report (QPR) for each calendar quarter during which the projects are active.

<b>WisDOT Research Program Category</b> <input type="checkbox"/> Policy Research <input checked="" type="checkbox"/> Wisconsin Highway Research Program <input type="checkbox"/> Other: _____		<b>Report Period</b> (enter year and check which quarter) Year: <u>2014</u> <input type="checkbox"/> Quarter 1 (Jan 1 – Mar 31) <input type="checkbox"/> Quarter 3 (Jul 1 – Sep 30) <input type="checkbox"/> Quarter 2 (Apr 1 – Jun 30) <input checked="" type="checkbox"/> Quarter 4 (Oct 1 – Dec 31)	
<b>Project Title</b> Evaluation of Performance of Innovative Bridges in Wisconsin		<b>WisDOT Project ID</b> 0092-15-02	
<b>Principal Investigator Name</b> Brent Phares	<b>Project Oversight Committee Chair Name</b> Joshua Dietsche	<b>Project Start Date (m/d/yyyy)</b> 11/17/2014	
<b>(Area Code) Telephone Number</b> 515-294-5879	<b>(Area Code) Telephone Number</b> 608-266-8353	<b>Original End Date (m/d/yyyy)</b> 2/17/2016	
<b>Email Address</b> bphares@iastate.edu	<b>Email Address</b> joshua.dietsche@dot.wi.gov	<b>Current End Date (m/d/yyyy)</b> 2/17/2016	

## Project Schedule Status (check one)

☒ On Schedule ☐ On Revised Schedule ☐ Ahead of Schedule ☐ Behind Schedule

## Project Budget Status

Total Project Budget	Expenditures Current Quarter	Total Expenditures	% Funds Expended	% Work Completed
\$64,958.24	\$0.00	\$0.00	0%	0%

## Project Description

Over the past decade or so, a number of programs have existed to provide bridge owners with funding to cover “delta” costs associated with implementing new and innovative bridge technologies. While these programs generally provided funding for a “research” component, it has not been uncommon for the innovative concepts to be “shelved” one or two years after initial trial. The work to be completed during this project will provide a much needed review of the performance of innovative bridges after several years of service. Such a review, especially within the context of future usage and adoption, will provide WisDOT with information that may lead to further implementation, modifications, or even abandonment of the innovative bridge concepts. Further, as one of the nation’s preeminent institutions in the field of Accelerated Bridge Construction (ABC), the performance evaluation will offer a unique perspective on the applicability of the innovations in an ABC environment.

The objectives of this research are:

- Document the long-term performance of innovative bridge construction technologies.
- Document the benefits (or lack thereof) of innovative bridge technologies

## Progress This Quarter (includes meetings, work plan status, contract status, significant progress, etc.)

During the subject quarter the research team met via phone with the project oversight committee to discuss both administrative and technical items.

## Anticipated Work Next Quarter

It is anticipated that in the next quarter the research team will complete Task 1 and will meet to discuss the deliverable with the project panel.

## Circumstances Affecting Project or Budget

None

**Attach / Insert Gantt Chart and Other Project Documentation**

	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
Task 1 - Information review															
Task 2 - Field Evaluation															
Task 3 - Reporting															
TOC Review, revision and final submission															

\*

(\*enter text)

<b>For WisDOT Use Only</b>	
Staff Receiving QPR <a href="#">J. Walejko</a>	Date Received (m/d/yyyy) <a href="#">12/29/2014</a>
Staff Approving QPR <a href="#">Josh Dietsche</a>	Date Approved (m/d/yyyy) <a href="#">1/2/2015</a>